FIG. 1

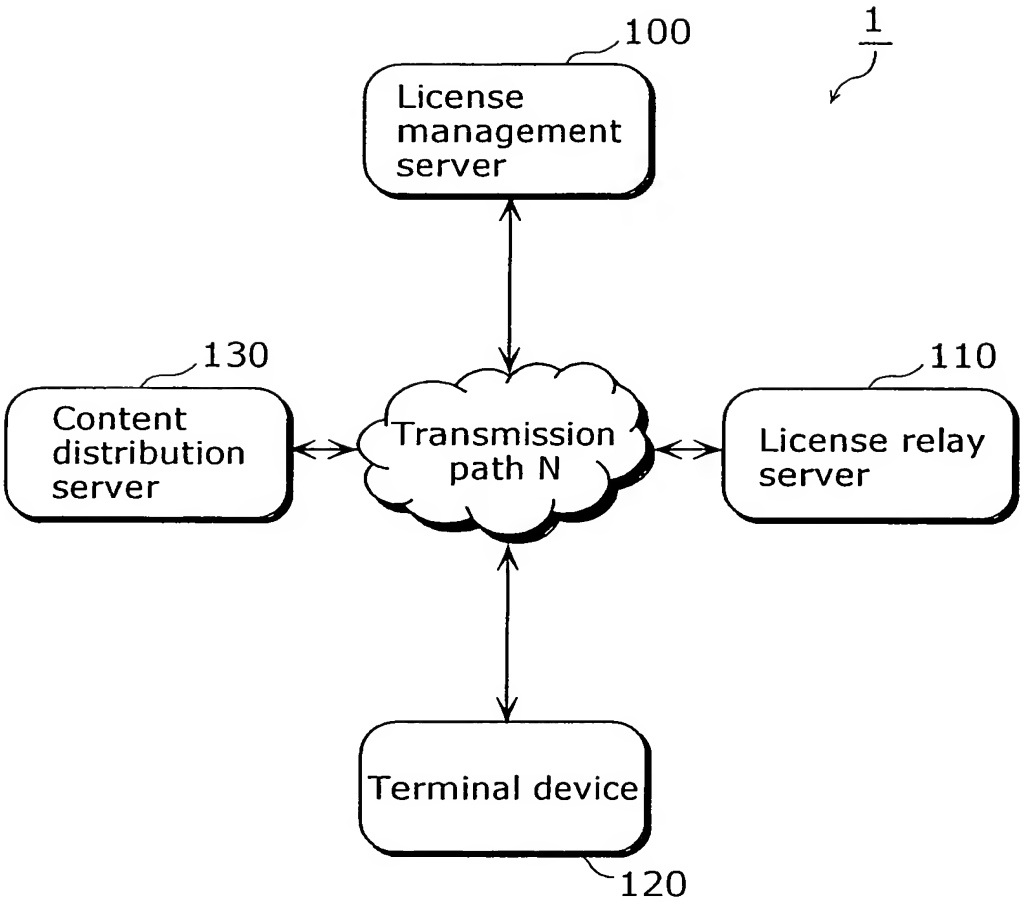

1
100
License management server
130
Content distribution server
Transmission path N
110
License relay server
Terminal device
120

FIG. 2

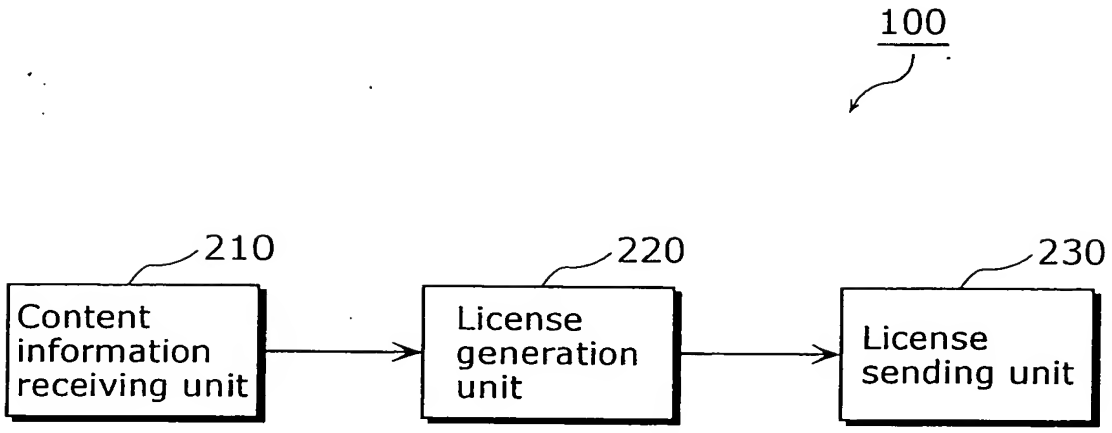

100
210
Content information receiving unit
220
License generation unit
230
License sending unit

FIG. 3

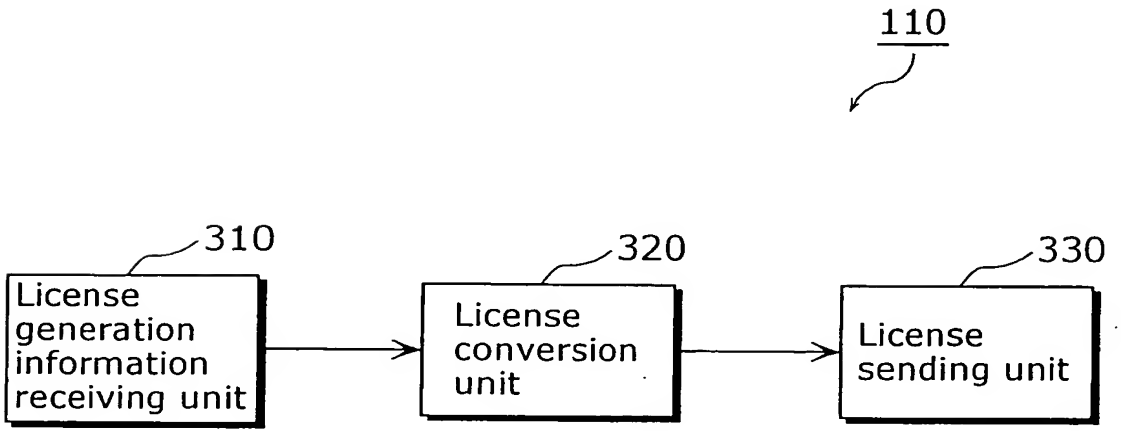

110
310
License generation information receiving unit
320
License conversion unit
330
License sending unit

FIG. 4

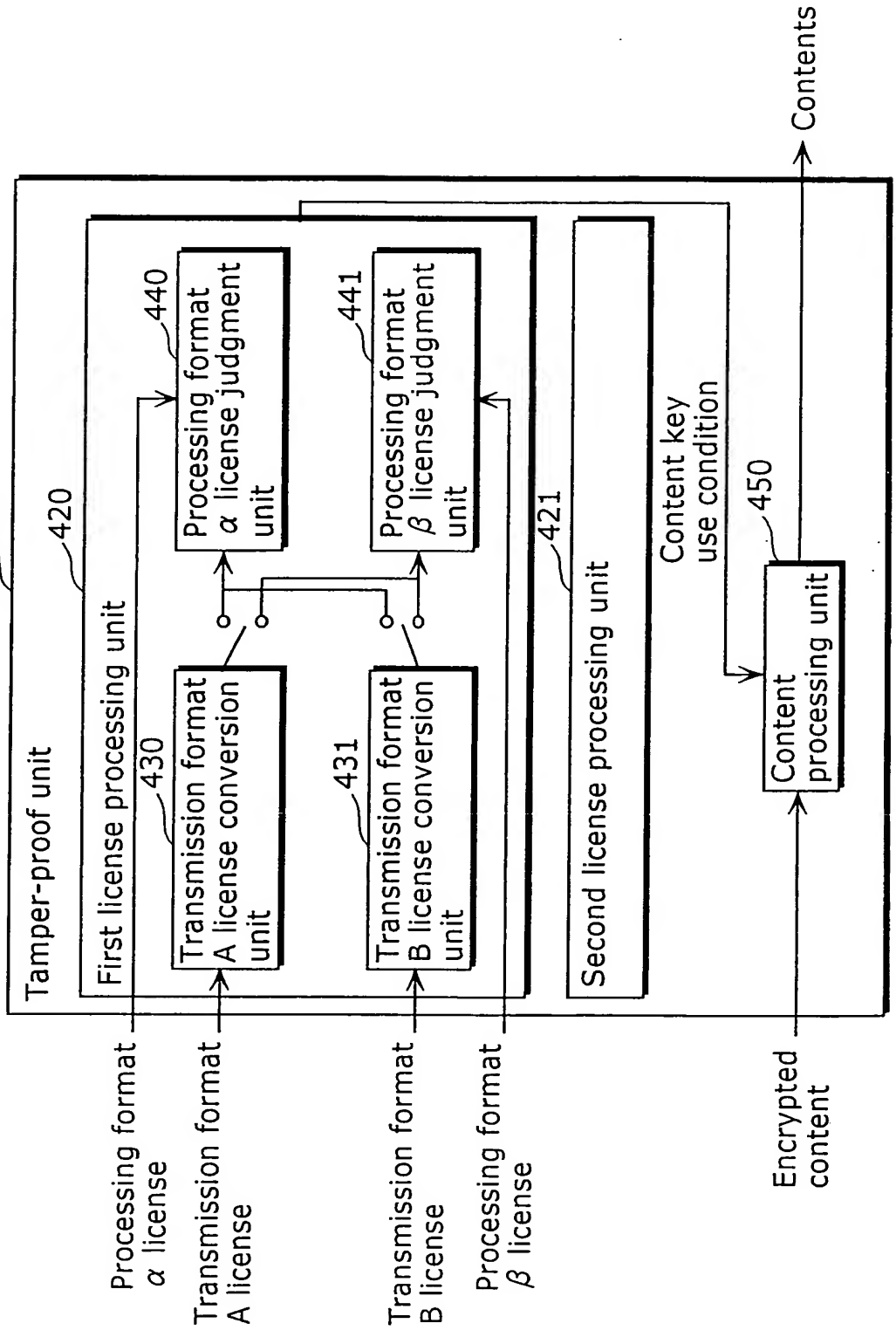

120
410
Tamper-proof unit
420
First license processing unit
440
Processing format α license judgment unit
441
Processing format β license judgment unit
430
Transmission format A license conversion unit
431
Transmission format B license conversion unit
421
Second license processing unit
Content key use condition
450
Content processing unit
Contents
Processing format α license
Transmission format A license
Transmission format B license
Processing format β license
Encrypted content

FIG. 5

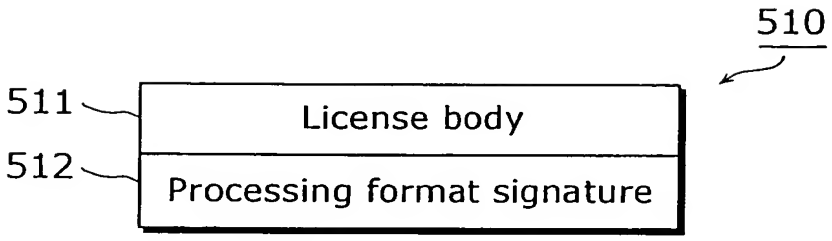


FIG. 6

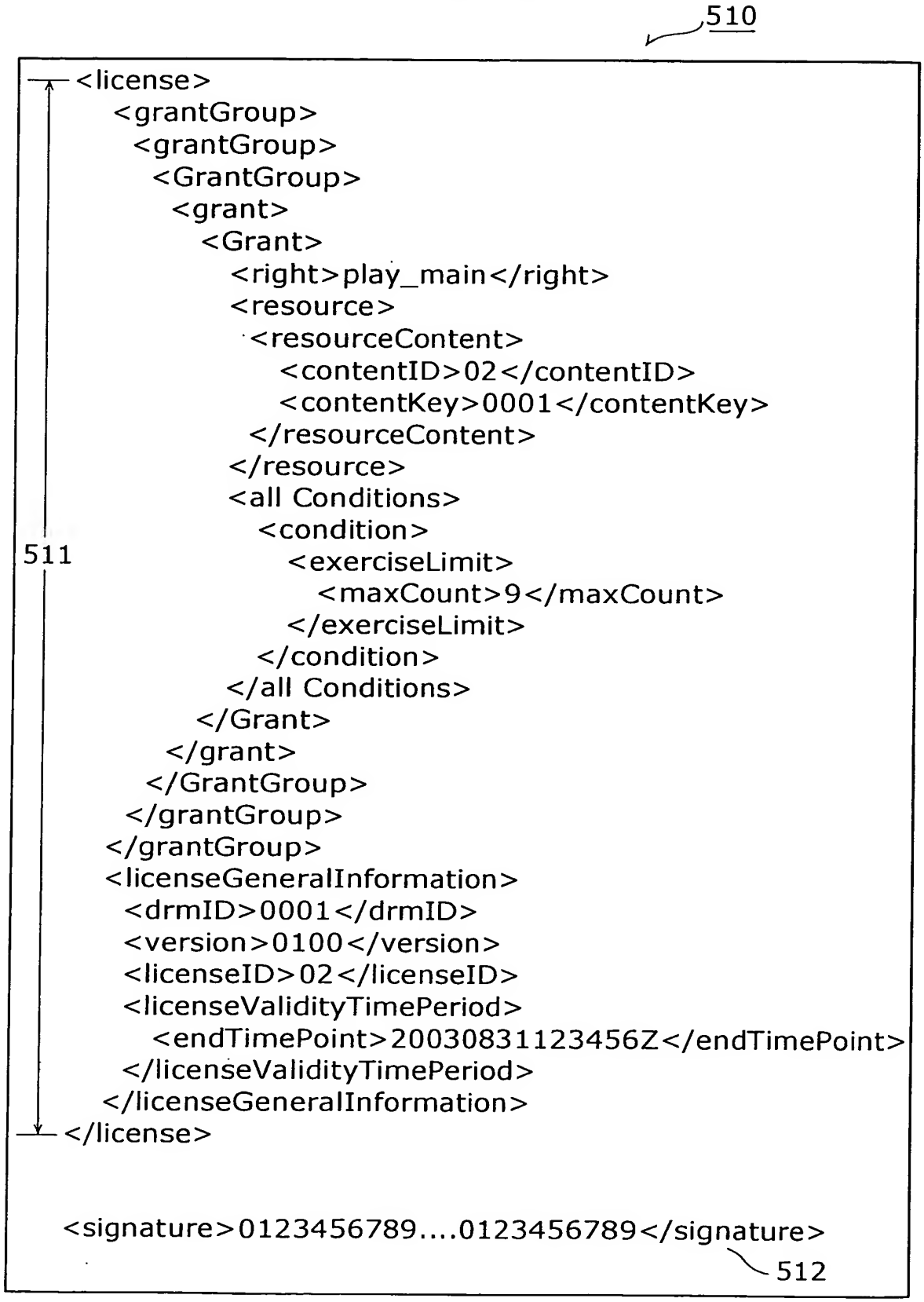

510
<license>
<grantGroup>
<grantGroup>
<GrantGroup>
<grant>
<Grant>
<right>play_main</right>
<resource>
<resourceContent>
<contentID>02</contentID>
<contentKey>0001</contentKey>
</resourceContent>
</resource>
<all Conditions>
<condition>
<exerciseLimit>
<maxCount>9</maxCount>
</exerciseLimit>
</condition>
</all Conditions>
</Grant>
</grant>
</GrantGroup>
</grantGroup>
</grantGroup>
<licenseGeneralInformation>
<drmID>0001</drmID>
<version>0100</version>
<licenseID>02</licenseID>
<licenseValidityTimePeriod>
<endTimePoint>20030831123456Z</endTimePoint>
</licenseValidityTimePeriod>
</licenseGeneralInformation>
</license>
511
<signature>0123456789....0123456789</signature>
512

FIG. 7

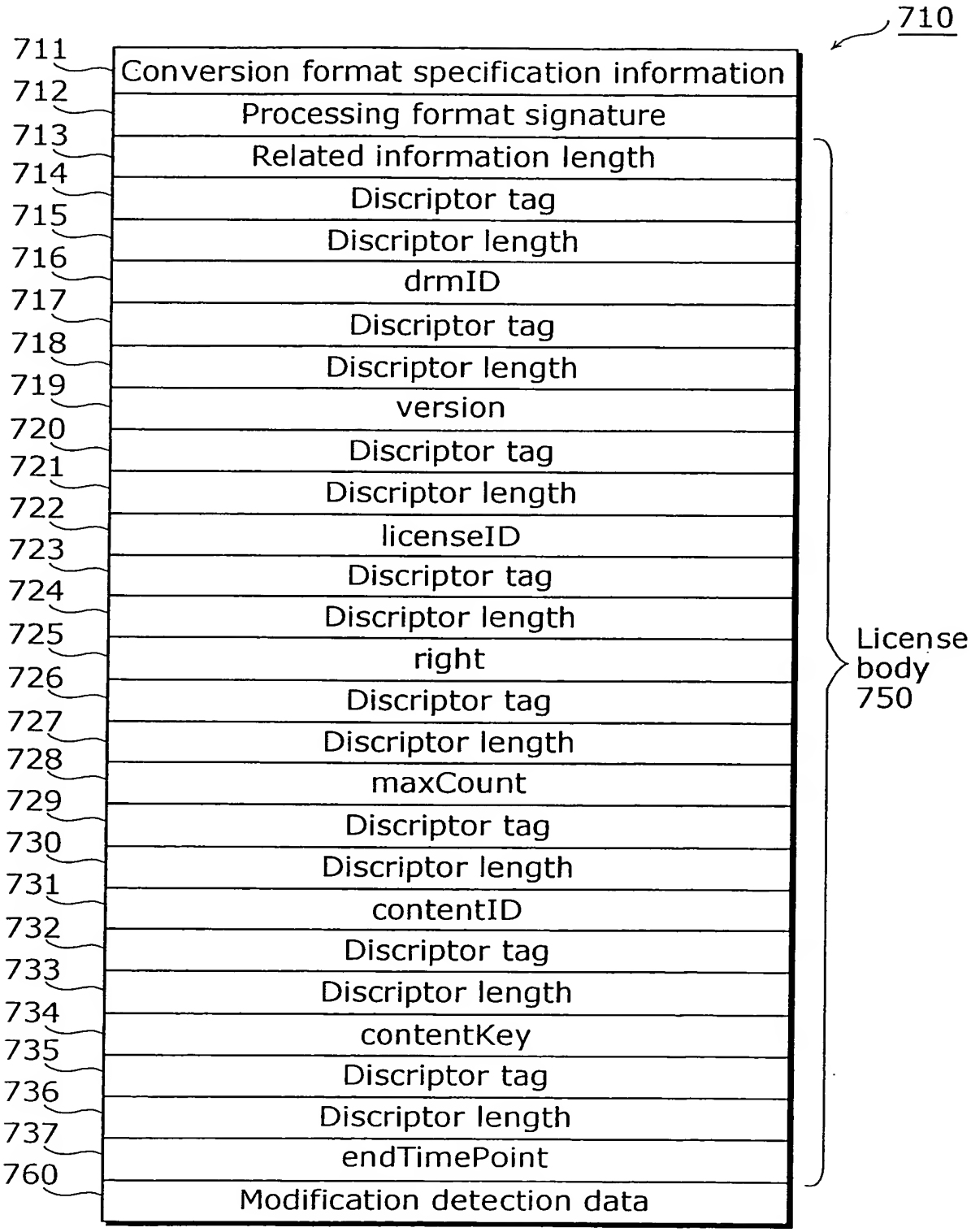

710
711
Conversion format specification information
712
Processing format signature
713
Related information length
714
Discriptor tag
715
Discriptor length
716
drmID
717
Discriptor tag
718
Discriptor length
719
version
720
Discriptor tag
721
Discriptor length
722
licenseID
723
Discriptor tag
724
Discriptor length
725
right
726
Discriptor tag
727
Discriptor length
728
maxCount
729
Discriptor tag
730
Discriptor length
731
contentID
732
Discriptor tag
733
Discriptor length
734
contentKey
735
Discriptor tag
736
Discriptor length
737
endTimePoint
760
Modification detection data
License body 750

FIG. 8

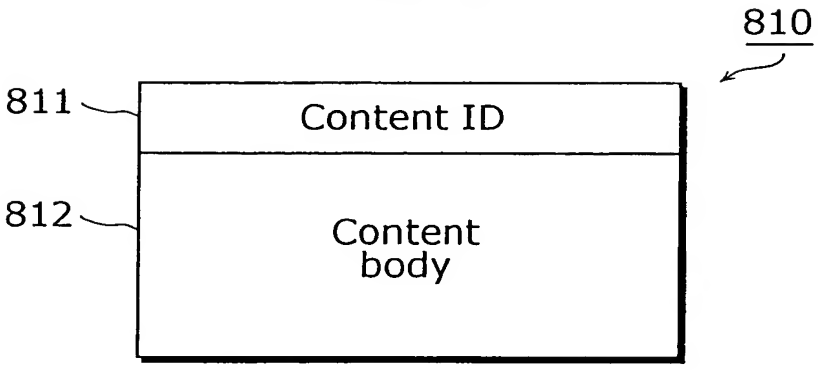


FIG. 9

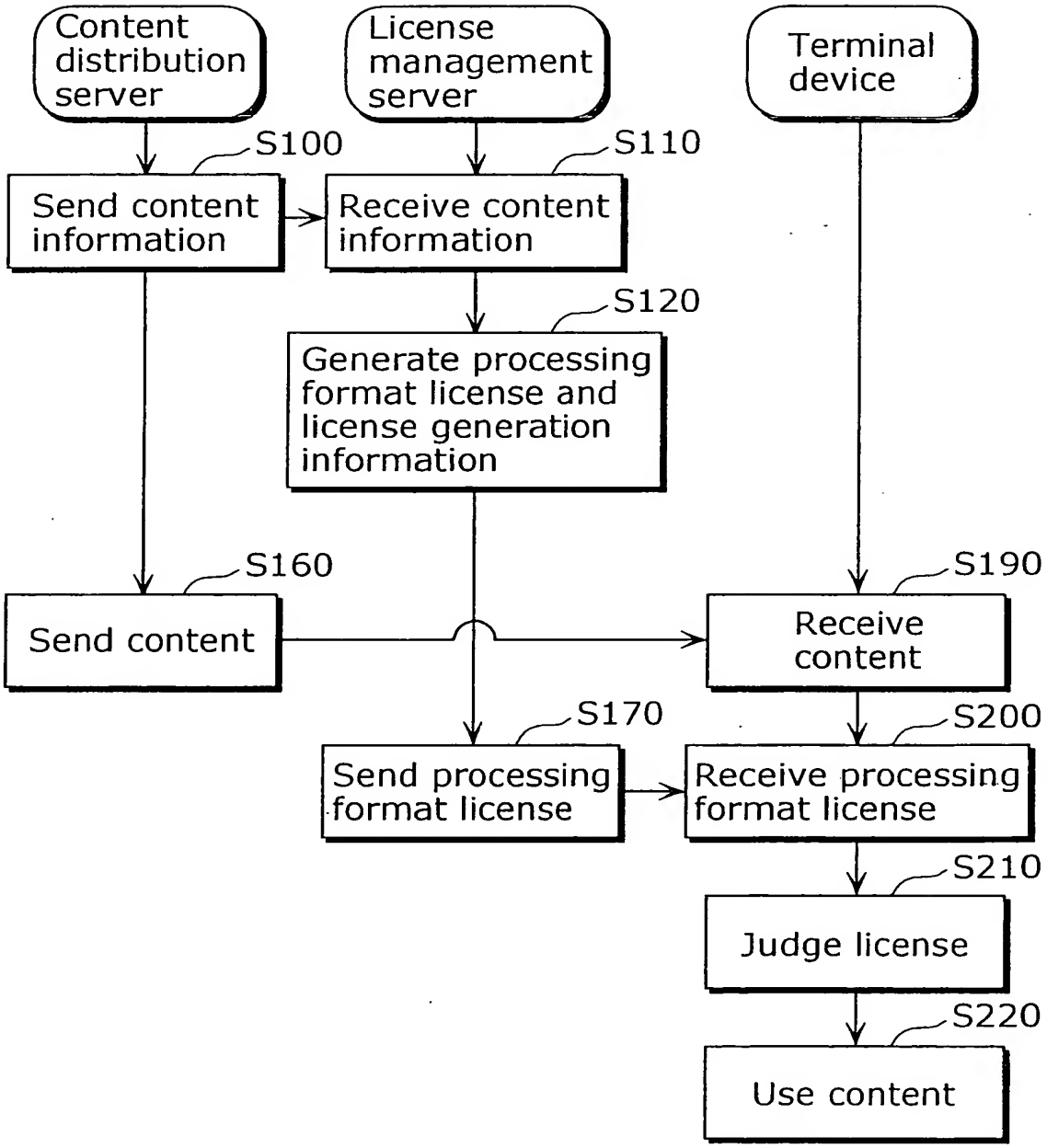

Content distribution server
License management server
Terminal device
S100
Send content information
S110
Receive content information
S120
Generate processing format license and license generation information
S160
Send content
S190
Receive content
S170
Send processing format license
S200
Receive processing format license
S210
Judge license
S220
Use content

FIG. 10

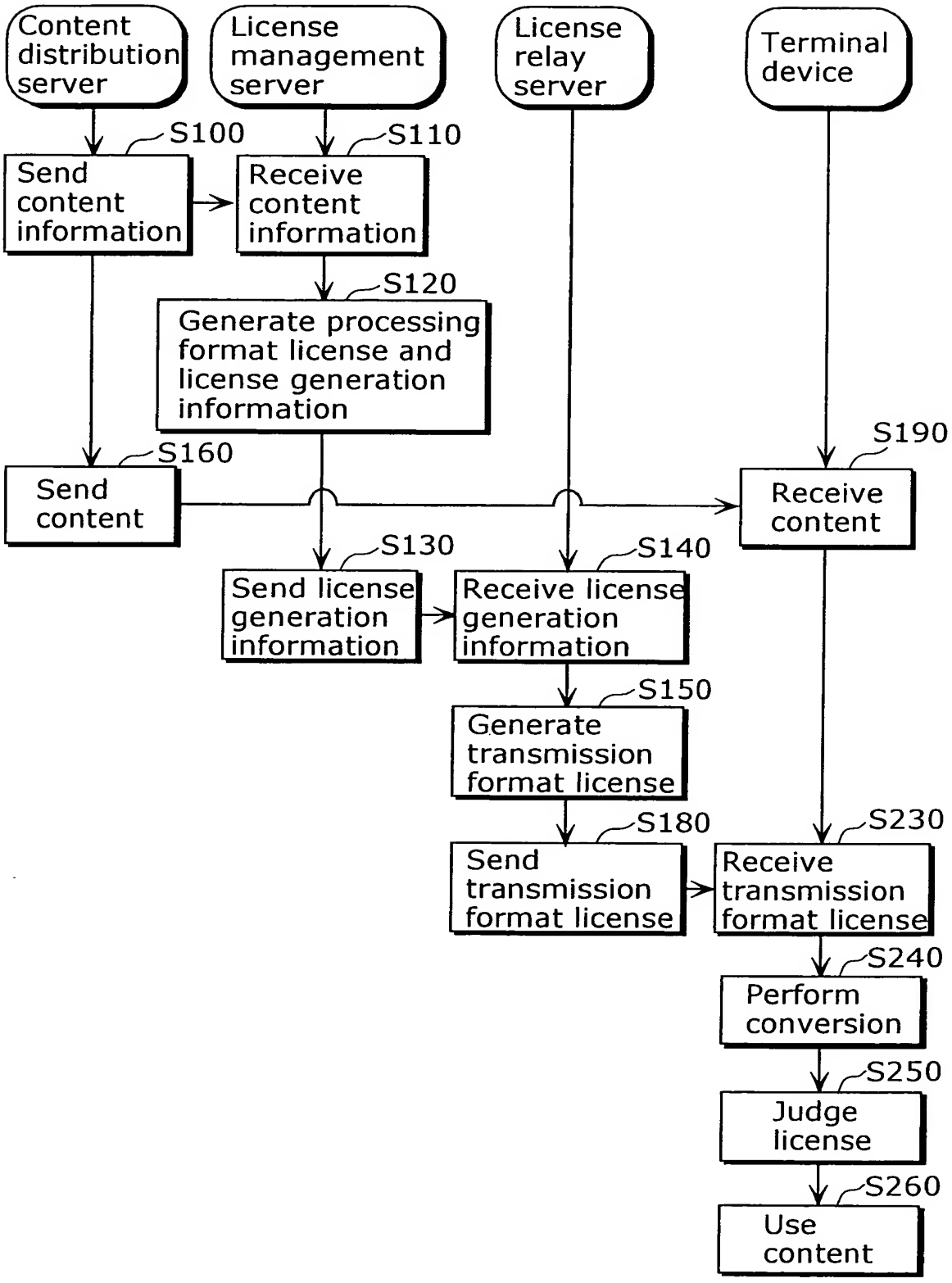

Content distribution server
License management server
License relay server
Terminal device
S100
Send content information
S110
Receive content information
S120
Generate processing format license and license generation information
S160
Send content
S190
Receive content
S130
Send license generation information
S140
Receive license generation information
S150
Generate transmission format license
S180
Send transmission format license
S230
Receive transmission format license
S240
Perform conversion
S250
Judge license
S260
Use content

FIG. 11

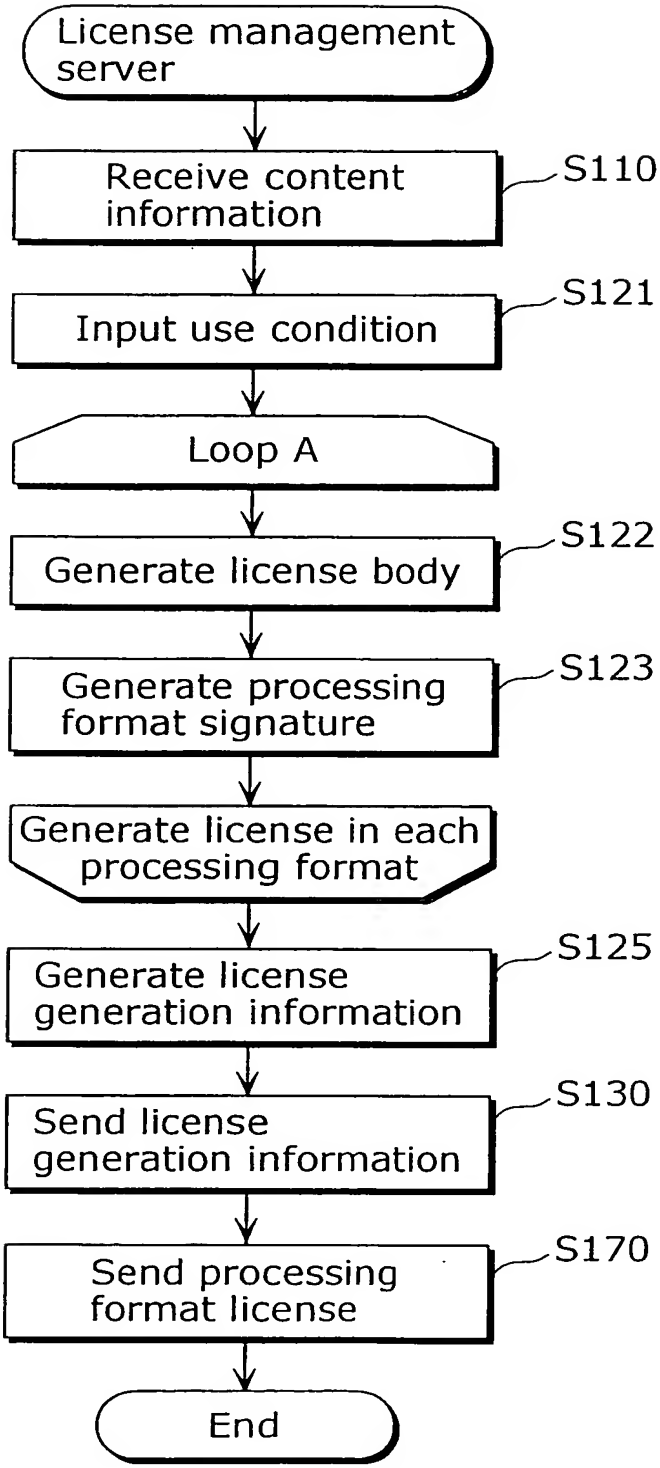

License management server
Receive content information
S110
Input use condition
S121
Loop A
Generate license body
S122
Generate processing format signature
S123
Generate license in each processing format
Generate license generation information
S125
Send license generation information
S130
Send processing format license
S170
End

FIG. 12

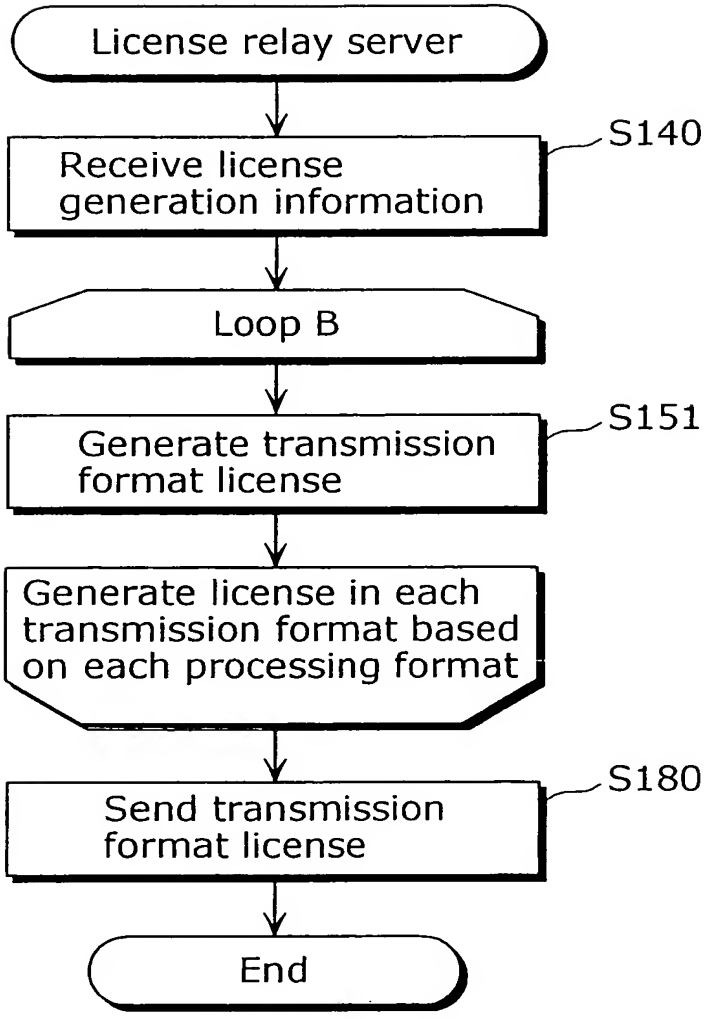

License relay server
Receive license generation information
S140
Loop B
Generate transmission format license
S151
Generate license in each transmission format based on each processing format
Send transmission format license
S180
End

FIG. 13

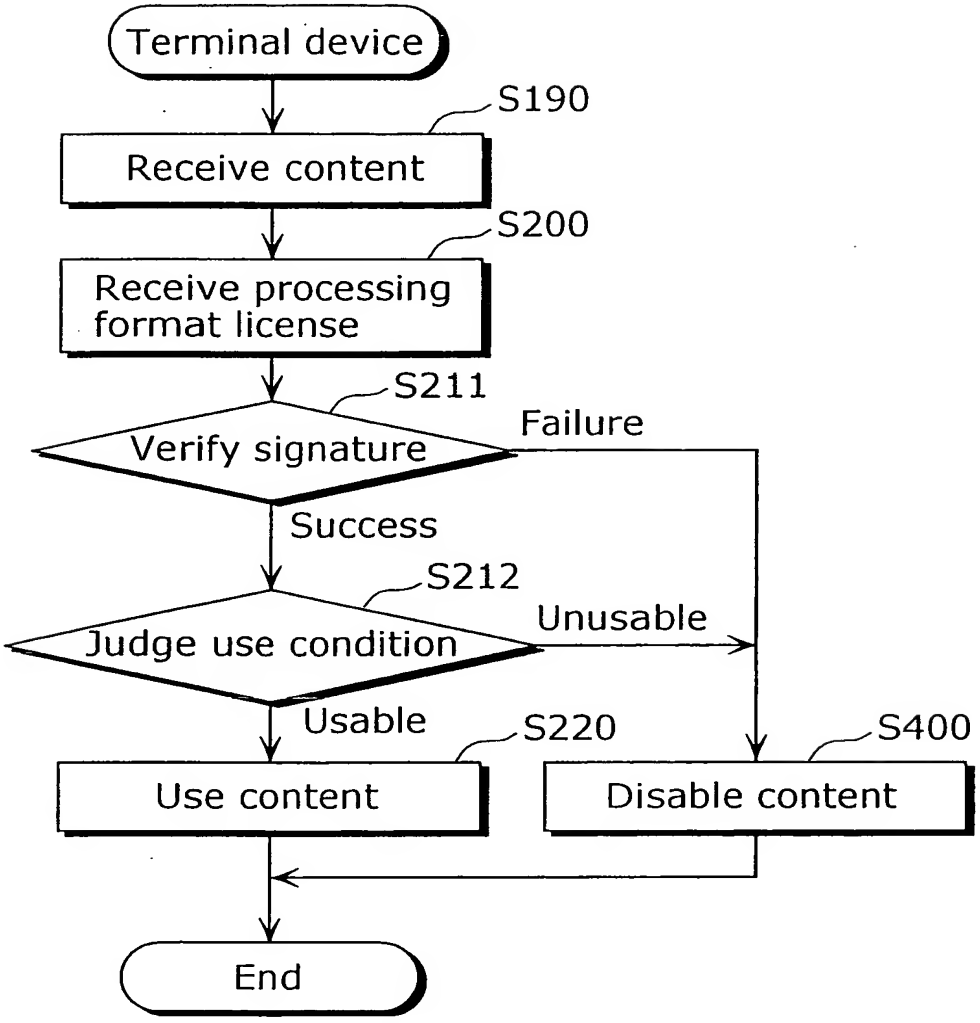
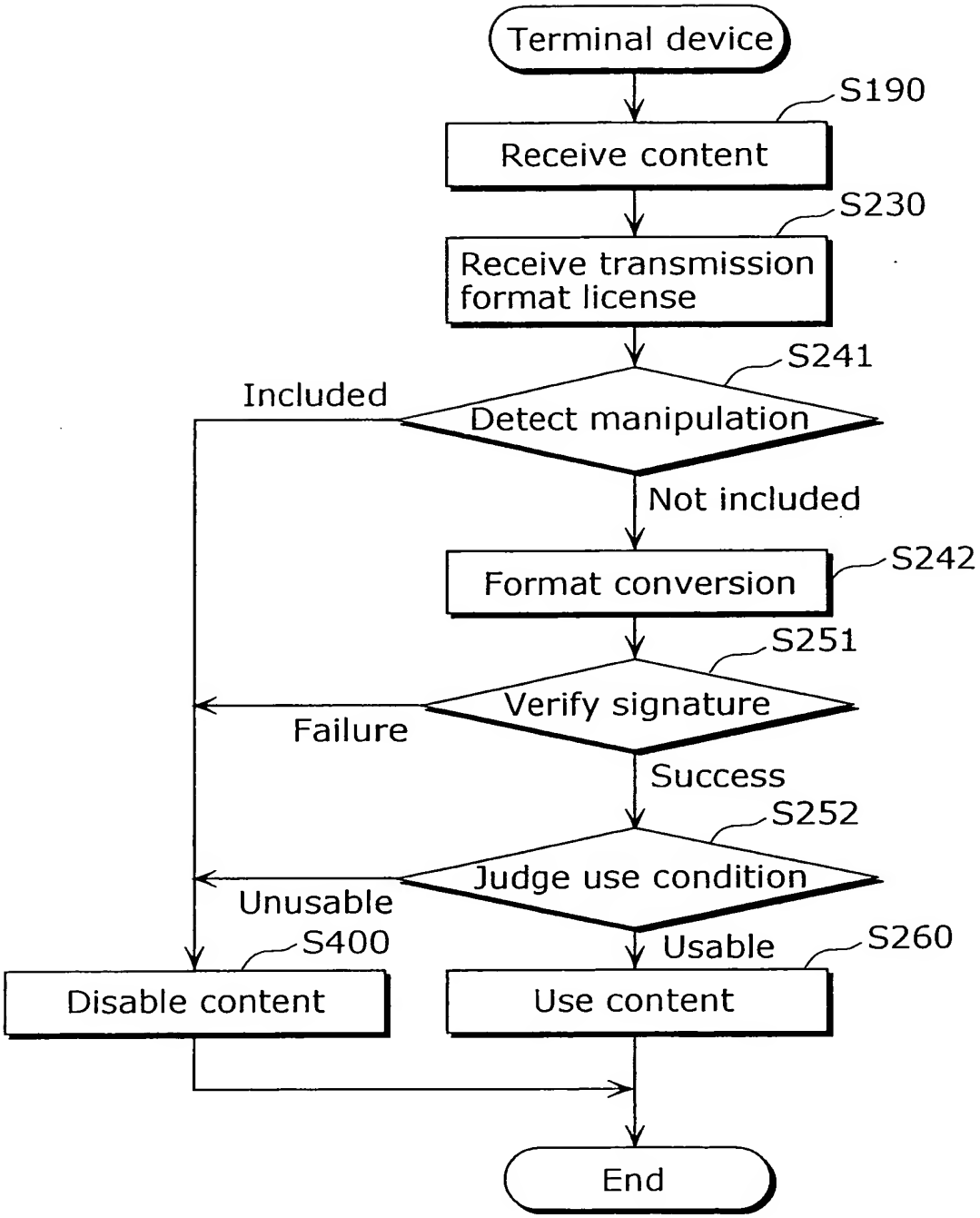

Terminal device
S190
Receive content
S200
Receive processing format license
S211
Verify signature
Failure
Success
S212
Judge use condition
Unusable
Usable
S220
S400
Use content
Disable content
End

FIG. 14


Terminal device
S190
Receive content
S230
Receive transmission format license
S241
Detect manipulation
Included
Not included
S242
Format conversion
S251
Verify signature
Failure
Success
S252
Judge use condition
Unusable
Usable
S260
S400
Disable content
Use content
End